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Cape Thompson, July 20, 1963

Tundra between Ogotoruk Creek
and Cape Thompson, parallel to coast

63-431 *Calliergon turgescens*

in wet frost boil in tundra

63-432 *Bryum*

same data as preceding

63-433 *Pottia Heimii*

on silt in frost boil in tundra

63-434 *Meesia uliginosa*

in wet frost boil in tundra

63-435 ^R*Tomenthypnum intans* + *Desch.*

same data as preceding

63-436 *Dicranodon rubellus*

on silt in wet frost boil in tundra

63-437 *Campylopus stellatus*

in wet frost boil in tundra

Cape Thompson, July 20, 1963

- *
63-438 ~~Tranisia~~ ??? ~~Myuroclada~~? in quantity
on hummock in tundra
- 63-439 *Minium orthorhynchum*
same data as above
- 63-440 *Lulacomium palustre*
in wet frost boil, in tundra
- 63-441 ~~Bartramia staphylea~~ *Campylopus Schimperii*
on hummock in tundra
- 63-442 *Bryum*
on silt in wet frost boil in tundra
- 63-443 *Cirriophyllum*
in wet frost boil in tundra
- 63-444 *Minium ~~medium~~ ciliare*
on hummock in tundra
- 63-445 *Dichodontium*?
on silt, wet frost boil in tundra

Cape Thompson, July 20, 1963

- 63-446 *Drepanocladus revolvens*
in wet frost boil in tundra
- 63-447 *Hylacomium*
on hummock in tundra
- 63-448 *Blepharostoma trichophyllum*
same data as preceding
- 63-449 *Aulacomium turgidum*
same data as preceding
- 63-450 *Riccardia pinguis*
on silt in wet frost boil in tundra
- 63-451 *Calliergon giganteum*
in wet frost boil in tundra
- 63-452 *Timmia*
on hummock in tundra
- 63-453 *Plagiobryum demissum*
on silt in wet frost boil in tundra

Cape Thompson, July 20, 1963

- 63-454. *Bryum ~~terrestris~~ cryophilum* Mart.
in wet frost soil in tundra
- 63-455 *Oncophorus wallenbergii*
on silt in wet frost soil, in tundra
- 63-456 *Bryum*
same data as preceding
- 63-457 *Leskea nervosa*
on limestone, rock on mountain side
- 63-458 *Distichium imbricatum*
on soil in wet frost soil, in tundra
- 63-459 *Entodon*
in rather dry dryas tundra, mountain side
- 63-460 *Cinclidium arcticum*
in wet place in tundra
- 63-461 *Calliergon giganteum*
same data as preceding

Cape Thompson, July 20, 1963

63-462 *Orthotrichum rufescens*
on silt, wet frost boil in tundra

63-463 *Scapernia degenii*
same data as preceding

63-464 *Drepanocladus*
in wet place in tundra

63-465 *Encalypta chaptocarpa*
on silt, wet place in tundra

63-466 *Bryobittonia pellucida*
same data as preceding

63-467 *Grimmia* (Schistidium)
same data as preceding

63-468 *Hepatica Anellia* + *T. trephodon*
same data as preceding

63-469 *Rhytidium rugosum*
on rather dry hummock in tundra

Cape Thompson, July 20, 1963

63-470 *Tetraphodon umioides* var
on soil, wet place in tundra

63-471 *Dicranum*
on hummock in tundra

63-472 *Plagiobhila arctica*
same data as preceding

63-473 ~~*Tortella arctica*~~
~~*Trichostema cuspidatum*~~
on silt, wet frost boil in tundra

63-475 *Philonotis tomentella*
same data as preceding

63-476 *Desmatodon laureri*
same data as preceding

63-477 *Encalypta ciliata*
same data as preceding

63-478 *Cnididium latifolium*
in wet place in tundra

Cape Thompson, July 20, 1963

63-479 *Drepanocladus revolvens*
in wet place in tundra

63-480 *Pohlia* (*propaguliferous*)
on soil, hummock in tundra

63-481 *Brachythecium*
^{wet}
on soil in tundra

63-482 *Hypnum* -
on hummock in tundra

63-483 *Trichodon cylindricus*
on soil, wet frost soil in tundra

63-484 ~~Bryum~~ *Encalypta prosera* Buch
same data as preceding

63-485 *Myurella julacea*
on soil in wet frost soil in tundra

63-486 *Calliergon sarmentosum*
on wet soil in tundra

Cape Thompson, July 20, 1963

63-487 *Distichium capillaceum*

on hummock in tundra

63-488 *Vicarium*

on hummock in tundra

63-489 *Abietinella abietina*

on hummock, rather dry, near to ...

63-490 *Andacomium acuminatum*

on hummock in wet tundra

63-491 *Cetoscopus nigritus*

on soil in wet forest belt in tundra

63-492 *Cratoneuron filicinum*

In wet, low tundra

63-493 *Distichium flexuosum*

in wet, low tundra

Cape Thompson, July 21, 1963.

In tundra between Ogotomuk Creek and deep ravine northwest of camp, parallel to seashore

63-494 *Hypnum*

on hummock in tundra

63-495 *Polystichum piliferum*

on shale outcrop in tundra

63-496 *Cladonia dendroidea*

on steep bank of brook in tundra

63-497 *Diplophyllum taxifolium*

on soil, side of hummock in tundra

63-498 *Racomitrium canescens*

on soil in wet frost bed, in tundra

63-499 *Calliergon sarmentosum*

in wet place in tundra

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1

Cape Thompson, July 21, 1963

- 63-500 *Mnium orthocymum*
On hummock in tundra
- 63-501 *Lophozia*
On hummock in tundra
- 63-502 *Radula prolifera*
On hummock in tundra
- 63-503 *Calliergon turgescens*
in wet frost boil in tundra
- 63-504 *hepatic Cephalopoda* and
on silt in wet frost boil, in tundra
- 63-505 *Bryum*
on hummock in tundra
- 63-506 *Encalypta alpina*
on hummock in tundra
- 63-507 *Schistidium*
in wet frost boil, in tundra

Cape Thompson, July 21, 1963

- 63-508 *Pogonatum*
on hummock in tundra
- 63-509 *Drepanocladus revolvens*
in wet place in tundra
- 63-510 *Phacotrium lanuginosum*
on hummock in tundra
- 63-511 *Fissidens adiantoides*
on soil, wet frost boil in tundra
- 63-512 hepatic *Turczaninowia rubra*
on soil, wet frost boil in tundra
- 63-513 *Bryum*
on soil, wet frost boil in tundra
- 63-514 *Campylopus stellatus*
in wet place in tundra
- 63-515 ~~*Tayloria henschkei*~~ *Oncophanes alpestris* ^{stell}
on silt, wet frost boil in tundra

Cape Thompson, July 21, 1963

63-516 *Tortella fragilis*

on hummock in tundra

63-517 ~~*Desmatodon*~~ *Tortula mucronifolia*

on silt in wet frost boil, in tundra

63-518 *Hypnum*

on silt in wet frost boil, in tundra

63-519 *Aulacomnium*

in wet frost boil in tundra

63-520 *Hypnum*

on hummock in tundra

63-521 *Drepanocladus lycopodioides*

in wet frost boil in tundra

63-522 *Lophozia quadriloba*

on side of hummock in tundra

Cape Thompson, July 21, 1963

63-523 *Orthotrichum*

in wet frost boil, in tundra

63-524 hepatic *Deflexophyllum*
taxifolium
on side of hummock in tundra

63-525 *Drepanocladus revolvens*
in wet frost boil, in tundra

63-526 hepatic *Mammillaria*
on side of frost hummock, in tundra

63-527 *Lophozia*
on side of hummock in tundra

63-528 *Gymnostomum recurvirostrum*
on soil in wet frost boil, in tundra

63-529 *Drepanocladus revolvens*
in wet place in tundra

Cape Thompson, July 21, 1963

63-530 *Dicranella*

on silt, hummock in tundra

63-531 ^{*Polytrichum*} *Dicranum juniperinum*

on silt, frost hummock in tundra

63-532 *Humulus*

on side of hummock in tundra

63-533 *Psilopilum canifolium*

on silt, frost hummock in tundra

63-534 *Pogonatum*

on silt, frost hummock in tundra

63-535 *Marhantia* sp.

on silt, frost hummock in tundra

63-536 *Plagiochila arctica*

on hummock in tundra

Cape Thompson, July 21, 1963

63-537 *Scapenia degenii*
in wet place in tundra

63-538 *Pogonatum capillare*
on silt, fr. hummock in tundra

Cape Thompson, July 21, 1963

In shale areas and wet tundra, in ridges
SE of camp

63-539 *Hypnum*
on hummock in tundra

63-540 *Hypnum wonskoldii*
in wet place in tundra

63-541 *hepatic*
on wet, wet frost soil in tundra

63-542 *Conostomum*
on shaly hummocks, mountain side

63-543 *Cnophorum*
on hummock in tundra

63-544 *Scapania*
in wet place in tundra

Cape Thompson, July 21, 1963

63-545 *Polytrichum*

in wet place in tundra

63-546 *Cnididium*

in wet place in tundra

63-547 *Calliergon samentosum*

in wet place in tundra

63-548 *Dischidella*

on silt, wet frost boil in tundra

63-549 *Drepanocladus exannulatus*

in wet frost boil in tundra

63-550 *Pogonatum capillare*

on hummock in tundra

63-551 *Lepidopodium*

on silt, wet frost boil in tundra

63-552 *Scapania*

on silt, wet frost boil in tundra

Cape Thompson, July 21, 1963

63-553 *hepatic Scapinigue* var *otusa*
on silt, at frost hole in tundra

63-554 *Anthelia julacea*
on silt, wet frost hole in tundra

63-555 *Andraeaceae*? *rupestris*
in wet frost hole in tundra

63-556 *Taraxia*
on humus in tundra

63-557 *Calligonum*? *sarmentosum*
on rock in stream, at entrance of

63-558 *Fossombronina arctica*
on silt in frost hole, near new air strip

63-559 *Schistidium* ^{*apocarpum*} *apocarpum*
on silt in wet frost hole in tundra

Cape Thompson, July 21, 1963

- 63-560 *Calligonum sarmmentosum*
on hummock in tundra
- 63-561 *Arctostaphylos* pale fls
on hummock in tundra
- 63-562 *Polytrichum juniperifolium*
in shaly area, mountainside
- 63-563 *Laminaria*
wet place in tundra
- 63-564 *Bartramia pomiformis*
low exposed area in tundra
- 63-565 *Briza media* (red) *Cryophilum* Mart.
in wet forest in tundra
- 63-566 *Polygonatum*
in shaly area, mountainside tundra

Cape Thompson, July 22, 1963

On limestone mountain ridge NW of camp.

63-567 *Holmgrenia*

in wet place, mountainside tundra

63-568 *Splachnum vasculosum*

in springy place, mountainside tundra

63-569 *Bryum*

in springy place, mountainside tundra

63-570 *Catorscopium nigritum*

in springy place, mountainside tundra

63-571 *Dermatodon laurei*

on silt in wet place, mountainside tundra

63-572 *Didymodon rufus*

on silt in wet frost soil, mountainside tundra

63-573 *E. subgustum*

on hummocks in tundra, mountainside

Cape Thompson, July 22, 1963

63-574 *Oncophorus alpestris*

on silt in wet frost boil, mountainside tundra

63-575 *Arnellia*

on silt in wet frost boil, mountainside tundra

63-576 *Dichodontium?*

on silt in very wet frost boil, mountainside tundra

63-577 *Lecoclelea*

on hummock, mountainside tundra

63-578 *Brachythecium?* *Cirripedium*

in springy place, mountainside tundra

63-579 *Bryum*

on hummock, mountainside tundra

63-580 *Tetraphodon minusoides*

with preceding

Cape Thompson, July 22, 1963

63-581 *Meesia triquetra*

in springy place, mountainside tundra

63-582 *Minium*

in springy place along stream

63-583 *Schistidium*

in wet forest soil, mountainside tundra

63-584 *Plagiobryum pulchellum*

on silt, forest floor, mountainside tundra

63-585 *Hypnum*

in wet place, mountainside tundra

63-586 *Monoptychia Subkearii*

in wet place under humus, mountainside tundra

63-587 *Minium hypnophyllum*

on wet forest soil, mountainside tundra

Cape Thompson, July 22, 1963

- 63-588 *Mnium*
in wet places in tundra, mountainside
- 63-589 *Drepanocladus flexuosus*
in wet frost belt, mountainside tundra
- 63-590 *Hypnum*
on hummock in tundra
- 63-591 *Schistidium platyphyllum*
on rocks in stream, mountainside
- 63-592 *Hypnum*?
with preceding
- 63-593 *Mnium ciliolobum*
in wet places in mountainside tundra
- 63-594 *Ptilidium pulcherrimum*
on hummock in tundra
- 63-595 *Bryobrythonia pellucida*
on moist hummock in tundra

Cape Thompson, July 22, 1963

- 63-596 *Cinclidium latifolium*
in wet place in tundra
- 63-597 *Splachnum vasculosum*
in springy place, mountainside tundra
- 63-598 *Thuidium*
on wet hummock, mountainside tundra
- 63-599 *Cinclidium articum* c.f.
in springy place, mountainside tundra
a. *Catoscopus* - *negut*
- 63-600 *Drepanoclada*
on soil,
" in dryas community, relatively dry, steep
mountainside
- 63-601 *Tortula muralis*
in dry place, steep mountainside
- 63-602 ~~Hypnum~~ *Drepanocladus uncinatus*
on soil, dryas community, steep mountainside
- 63-603 *Entodon*
with preceding.

End of July 24

Cape Thompson, July 23, 1963

Tundra in big valley north of Ogotomik Lake

63-604 *Dicranum*

in wet tundra

63-605 *Trimmia*

vertical
on bank of stream

63-606 *Drepanocladus aduncus*

in water along shore of small lake

63-607 *Polystichum*

On steep bank of small lake

63-608 *Pohlia nutans*

on vertical silt bank along stream

63-609 *Bartremia iturypetula*

with preceding

63-610 *Perlopidium campyloides*

On bare silt, high bank along stream

Cape Thompson, July 23, 1963

63-611 *Blossia pumila*

on silt, bank of small stream

63-612 *Dicranella*

with preceding

63-613 *Fossombronia* ~~sp.~~ *alaskana*

on silt, forest floor in tundra

Cape Thompson, July 24, 1963

In tundra between camp & ridge on NW.

63-614 *Cochlearia*

on silt, tundra back of beach

63-615 *Fumaria hygrometrica*

on silt, disturbed area near camp

63-616 *Pohlia prolifera*

on silt, disturbed area near camp

63-617 *Herberta Salicaria subsp. n.*

in wet frost boil in tundra

63-618 *Myurella julacea*

in wet frost boil in tundra

63-619 *Scapania cuspidata*

in wet frost boil in tundra

63-620 *Alcina brevirostris*

on silt in frost boil in tundra

Cape Thompson, July 24, 1963

63-621 *Hypozia Wardii* Ag.
On silt, otherwise bare frost hill in tundra

63-622 *Didymodon*?
same habitat as preceding

63-623 *Scapema*
in wet frost hill in tundra

63-624 *Brachypneum*
on hummock in tundra

63-625 *Lophozia* sp.
among mosses in wet frost hill in tundra

63-626 *Plaxiochila* sp.
on soil, wet frost hill in tundra

63-627 *Lophozia*
among mosses, wet frost hill in tundra

Cape Thompson, July 24, 1963

63-628 *Berberiophytia* ~~Voetii~~
among mosses, wet frost soil in tundra

63-629 *Cyrtocarpus*
on hummock in tundra

63-630 *Campylanthus*
in wet frost soil in tundra

63-631 *Distichlis flexilis*
on soil, wet frost soil in tundra

63-632 *Tunisia*
on soil, wet frost soil in tundra

63-633 *Cinclidium stygium*
on soil, wet place in tundra

63-634 *Cinclidium latifolium*
in wet frost soil in tundra

Cape Thompson, July 24, 1963

- 63-635 *Dichodontium*
among mosses, wet frost boil in tundra
- 63-636 ~~*Ptilia lemnii*~~ *Desmatodon laureri*
on silt in otherwise bare frost boil in tundra
- 63-637 *Brachythecium*
in wet frost boil in tundra
- 63-638 *Bryum*
on silt in wet frost boil in tundra
- 63-639 *Saevania glaucescens*
on hummock in tundra
- 63-640 *Distichum inclinatum* (?)
on silt, wet frost boil in tundra
- 63-641 *Dicranella* ?
on silt, wet frost boil in tundra

Cape Thompson, July 24, 1963

63-642 *Seligeria*

on pebble in wet frost hole in tundra

63-643 *Oncophanes*

in wet frost hole in tundra

63-644 *Hypnum*

on hummock in tundra

63-645 ~~*Hypnum*~~ *Pleurozia*

in wet frost hole in tundra

63-646 ~~*Festuca microcarpa*~~ *Bryocrypta recurvirostrum*

on silt in frost hole in tundra

63-647 *Fissidens adnematoides*

in wet frost hole in tundra

63-648 *Hymenostylium*?

on soil, wet frost hole in tundra

Cape Thompson, July 24, 1963

63-641 Bryum

on soil in wet forest bed in tundra

63-650 Trichostema ~~crispulatum~~? - fr.
on humus rock
in wet forest bed in tundra

63-651 Onophorus ~~crispulatus~~

on soil in wet forest bed in tundra

Aklavik, N.W.T., Canada, July 21, 1963

On silt & base of trees, from air strip to a mile
or two down stream, on silt & ⁱⁿ ~~known~~, ~~area~~ - ~~of~~ ~~use~~.

63-652. *Humm*

on silt, seasonally ~~in~~ ~~del~~ ~~del~~, ~~under~~ ~~alder~~

63-653 *Brachymerium*

same data as 63-652

63-654 *Bryum*

same data as 652

63-655 *Campylidium*

same data as 652

63-656 *Pohlia*

same data as 652

63-657 *Dicranella*

same data as 652

Aklavik, N.W.T., Canada, July 27, 1963

63-658 *Pylaisia* (?)
seasonally,
On base of willows, inundated area near river

63-659 *Drepanocladus* (?)
in wet depression, same area as 658

63-660 *Licmnela*
on silt, seasonally inundated, under sedge

63-661 *Funaria*
same data as 660

63-662 *Eurhynchium*
same data as 660

63-663 *Bryobutlania*
same data as 660

63-664 *Pohlia*
same data as 660

Aklavik, N.W.T., Canada, July 21, 1963

63-665 *Limnia* (c.f.)

on silt, base of alders & willows, seasonally
inundated, near river.

63-666 *Bryum*

same data as preceding

63-667 *Hepatic*

on silt, seasonally inundated near river

63-668 *Blechnum fusilla*

same data as preceding

63-669 *Leptobryum*

same data as 63-667

63-670 *Barbula* (?)

same data as 63-667

63-671 *Distichium capillaceum*

on silt, base of willow seasonally inundated,
near river.

Aklavik, N.W.T., Canada, July 27, 1963

63-672 *Lophozolea minor*

on silt, under alders, seasonally, inundated

63-673 ^{*Hypnum*} ~~*Prepensecladus uncinatus*~~

same data as 63-672

63-674 *Hypnum*

on seasonally inundated silt, near river

63-675 *Dicranum*

same data as 63-674

63-676 *Orthotrichum*

On base of ^{willow} alder, seasonally, inundated

63-677 *Tminia*

same data as 63-676

63-678 *Myrmica* (?)

same data as 63-676

Aklevik, (W.I., Canada, July 27, 1963

63-679

Udymodora rubellus
seasonally inundated
on silt over base of willow, near river

63-680

Minium orthocymbium
on seasonally inundated silt bank under
willows, near river

63-681

on base of tree, seasonally inundated, near river

63-682

Carex pygmaea
in wet depression, seasonally inundated, near river

63-683

Pohlia
on silt, under willows seasonally inundated

63-684

Brachythecium
same data as 63-683

63-685

Ceratodon purpureus
same data as 63-683

At Klevik, D.W.I., Canada, July 21, 1963

63-686 *Desfontainia incincta*
On base of seasonally inundated willows

63-687 *Tortula ~~maculata~~ macronifolia*
same data as 63-686

63-688 *Aulacomnium palustre*
in wet depression, seasonally inundated by river

63-689 *Mar. burl. i*
same data as 63-688

63-690 *Brachythecium*
same data as 63-688

63-691 *Cratoneuron* ?
same data as 63-688

63-692 *Encalypta*
on silt, seasonally inundated tree base

Aklavik, N.W.T., Canada, July 21, 1963

63-693 *Calliergia*

in wet depression, seasonally inundated by water

63-694 *Tomenthypnum*

same data as 63-693

63-695 *Arctostaphylos*

on tree base sea level, - - - dated by water

~~63-696~~

Inuvik, N.W.T., Canada, July 28, 1963

In spruce forest just south of gravel pit. & south
edge of Inuvik, road to airport

63-696 *Polytrichum*

in boggy, spruce forest

63-697 *Mnigia anomala*

among *Sphagnum* in boggy, spruce forest

63-698. *Aulacomnium palustre*

in wet place, spruce forest

63-699 *Lophozolea*

same data as 63-698; often on lichen

63-700 *Plagiothidium*

same data as 63-698

63-701 *Aulacomnium turgidum*

same data as 63-698

Inuvik, NWL, Canada, July 18, 1963

63-102 *Polytrichum juniperinum*

on disturbed soil in spruce forest

63-103 *Pogonatum*

same data as 63-102

63-104 *Leptotrichum*

same data as 63-102

63-105 *Cataglyphis*

over moss, w/ sphagnum, in spruce forest

63-106 *Fumaria hyssopifolia*

on sterile bed soil in spruce forest

63-107 *Portulaca*

same data as 63-106

63-108 *Leptotrichum*

among sphagnum, wet place in spruce forest

Inuvik, N.W.T., Canada, July 28, 1963

63-109 *Hylacomium*

in wet place, spruce forest

63-110 *Dicranum*

same data as 109

63-111 *Complanum*

same data as 109

63-112 *Sphenobolus* (?)

same data as 109

63-114 *Dicranum*

same data as 109

63-115 *Dicranum*

same data as 109

63-116 *Dicranella*

in soil, dist. bed place in spruce forest

Inuvik, N.W.T., Canada, July 28, 1963

63-117 *Tetraphodon minoides*
in ~~swamp~~ wet depression, spruce forest

63-718 *Lophozia*
same data as 63-717

63-719 *Hypnum*
in wet place, spruce forest

63-720 *Polytrichum*
same data as 63-719

63-721 *Lophocolea*
same data as 63-719

63-722 *Polytrichum*
same data as 63-719

63-723 *Brachydesmum*
same data as 63-719

63-724 *Campylopus*
same data as 63-719

Inuvik, N.W.T., Canada, July 28, 1963

63-725 Pohlia

in wet place, spruce forest

63-726 Dicranum

same data as 63-725

63-727 Tomenthypnum?

same data as 63-725

63-728 Hypnum

same data as 63-725

63-729 Polytrichum

same data as 63-725

63-730 Calliergon

same data as 63-725

63-731 Marchantia

same data as 63-725

Inuvik, NW 1., Canada, July 29, 1963

In forest between Inuvik and airport (to south).

63-732 *Dicranum*

in moist place in boggy forest

63-733 *Hypnum*

same data as 63-732

63-734 *hepatic*

same data as 63-732

63-735 *Mnium*

under alders along stream

63-736

same data as 63-735

63-737 *Mnium*

same data as 63-735

Inuvik, NWT., Canada, July 29, 1963

63-738 *Myurella*

among mosses along stream, under alders

63-739 *Calliergon*

on Sphagnum, wet spruce forest

63-740 *Calliergon*

in wet depression in spruce forest

63-741 *Lophozia*

same data as 63-740

63-742 *Hypnum*

same data as 63-741

63-743 *Marchantia*

in disturbed area in muskeg

63-744 *hepatia*

in moist place in birch forest

Inuvik, N.W.T., Canada, July 29, 1963

- 63-145 *Brachythecium*
in wet place in birch forest
- 63-746 *Calliergon*
in wet place in birch forest
- 63-747 *Pohlia*
same data as 63-746
- 63-748 *Lophozia*
same data as 63-746
- 63-749 *Mnium orthocymum*
in moist place along stream, under alders
- 63-750 *Lophozia*
in wet depression in forest
- 63-751 *Leptobryum* ?
in wet depression in forest

Inuvik, NWT, Canada, July 30, 1963

North of Inuvik, on ridges & along river

63-752 *Tuckerm.*

on silt in disturbed area

63-753 *Alisma*

on silt in disturbed area

63-754 *Discomella*

on silt in disturbed area

63-755 *Blasia*

on silt in disturbed area

63-756 *Fumaria*

on soil in disturbed area

63-757 *Scapania*

in wet place in spruce forest

63-758 *Aulacomnium palustre*

same data as preceding

Inuvik, N.W.T., Canada, July 30, 1963

- 63-759 *Distichium capillaceum*
On base of willow, near river
- 63-760 *Draperocladus*
On silt under willows, near river
- 63-761 *Kyrtasia*
on base of willow, near river
- 63-762 *Campylopus*
same data as 761
- 63-763 *Myrmica?*
On silt, bases of ^{seasonally} willows, inundated by river
- 63-764 *Distichium*
same data as preceding
- 63-765 *Myrmica*
same data as preceding

Sachs Harbour, Banks Island, N.W.T.,
Canada, July 31, 1963

In vicinity of small lake - north of air-strip

63-766 *Hypnum?*

On silt, lakeshore

63-767 *Haplodon.*

in very wet moss mat, lake shore

63-768 *Meesia triquetra*

same habitat as 63-767

63-769 *Cinophyllum*

same habitat as 63-767

63-770 *Funaria ^{mexican} affinis* ♀ +

same habitat as 63-767

63-771 *Cinclidium*

same habitat as 63-767

63-772 *Cinclidium latifolium* (in quantity)

same habitat as 63-767

Sachs Harbour, Banks Island, NWT
July 31, 1963

63-773 *Bryum*
among mosses, wet sedge, lake shore

63-774 *Drepanocladus*
in wet sedge, lake shore

63-775 *Splachnum vasculosum*
in wet sedge, lake shore

63-776 *Distichium ~~indivisum~~* (!) *Hammi*
on silt, lake shore

63-777 *Campylidium ~~arcticum~~*
on silt, lake shore

63-778 *Bryum*
in very wet sedge, lake shore

(2) *percha + Fontana*
63-779 *Drepanocladus* *Fontana* var. *pumila*
in very wet sedge, lake shore

Sachs Harbour, N.W.T., Canada -
Banks Island. July 31, 1963

- 63-180 *Catocarpus*
on silt, very wet swale, lake shore
- 63-781 *Pedicularis vulgaris* (L.) - *Pedicularis*
on exposed silt, tundra hillside above lake
- 63-782 *Potamogeton Heimii* - *Desmatodon heimii*
on exposed silt near lake
782a = *Desmatodon cernuus* ^{eyes}
- 63-783 *Bryum*
in very wet swale, lake shore
- 63-784 *Splachnum vasculosum* D = *Aplodon wormskoldii*
in very wet swale, lake shore
- 63-785 *Orthocarpus chrysanthemum*
in very wet swale, lake shore
- 63-786 *Brachyotum*
in very wet swale, lake shore
- 63-787 *Campylopus*
on silt in very wet place, lake shore

Sachs Harbour, Banks Island, N.W.T.,
Canada - July 31, 1963

- 63-788 *Lecanodia pinguis*
among mosses, wet swale, lake shore
- 63-789 *Diclichium capillare*
on moist silt, lake shore
- 63-790 *Leptobryum pyriforme*
on wet silt, lake shore
- 63-791 *Orthothecium strictum*
on wet silt, lake shore
- 63-792 *Brachythecium*
in very wet swale, lake shore
- 63-793 *Calliergon turgescens* *Scorpidium turgescens*
in very wet swale, lake shore
- 63-794 *Orthothecium*
among mosses, very wet swale, lake shore

Sachs Harbour, Banks Island, NWT
Canada July 31, 1963

- 63-795 *Ditrichum flexicaule*
on silt, very wet swale, lake shore
a = *Tomenthypnum* b. *Hypnum proserpin*
- 63-796 *Encalypta alpina*
on silt, tundra near lake
- 63-797 *Calliergon turgescens* - *Scorpidium*
in very wet swale, lake shore
- 63-798 *Orthotrichum speciosum*
on silt, crevice between polygons, hill top tundra
- 63-799 *Philonotis*
on wet silt, lake shore
- 63-800 *Cnididium arcticum*
in very wet swale, lake shore
- 63-801 *Cnididium latifolium*
in very wet swale, lake shore
- 63-802 *Bryobatrachia?* *Craetoneura* a ^T *Filicium*
on wet silt, lakeshore

Jacks Harbour, Banks Island, N.W.T.,
Canada July 31, 1963

- 63-803 *Campylopus*
in very wet silt, lake shore
- 63-804 *Hypnum*
on silt, crevices in hill top tundra
- 63-805 *Mnium rugicum*
on wet silt, lake shore
- 63-806 *Bryum*
on wet silt, lake shore
- 63-807 *Didymopanax asperifolium*
(*Tortella nivalis*)
on silt, hill top tundra
- 63-808 hepatic *Preissia quadrata*
on moist silt, lake shore
- 63-809 *Tortella fragilis*
on moist silt in crevice, hill top tundra
- 63-810 *Emphytrichium*? *diversifolium* - *pulchellum* (Hedw.)
with *Deschampsia* Jenn.

Sachs Harbour, Banks Island, N.W.T.,
Canada. July 31, 1963.

63-811 *Barbula* ~~tr~~ *icmadophila* Schimp ex C Muell
on moist silt in crevice, hill top tundra

63-812 *Arnellia fennica* (Gottsche) Lindberg
on moist silt, lake shore

63-813 *Blepharostoma* *trichophyllum*
^{very}
on moist soil, lake shore

63-814 *Encalypta*
on moist silt, lake shore

63-815 *Plagiochila arctica*
on moist silt, lake shore

63-816 *Tortella fragilis*
on exposed silt, hill top tundra

63-817 *Hypnum revolutum*
on exposed silt, hill top tundra

63-818 *Encalypta*
on silt in crevice, hillside tundra

Sachs Harbor, Banks Island, N.W.T.,
Canada

- 63-819 *Arctophila*
on very wet silt, lake shore
- 63-820 *Trimmia austriaca*
on very wet silt, lake shore
- 63-821 *Didymodon rubellus* - *Bryocryptophyllum recurvirostrum*
on very wet silt lake shore
- 63-822 *Brachythecium*
on very wet silt, lake shore
- 63-823 *Trimmia ~~maritima~~?* *austriaca*
on very wet silt, lake shore
- 63-824 *Pohlia cruda*
on very wet silt, lake shore
- 63-825 *Tomenthyssopus intens*
in very wet silt, lake shore
- 63-826 *Arctophila orthotrichum*
on silt, crevices in hillside tundra

Sachs Harbour, Banks Island, N.W.T.,
Canada. July 31, 1963

63-827 Bryum

on moss, wet silt, lake shore

63-828 *Curtetia* *Cratoneura fulva*

on very wet silt, lake shore

63-829 hepatic

on very wet silt, lake shore

63-830 Callieria

aquatic, in lake, attached to shore

63-831 *Desmoulinia* *lenticularis*

on wet silt, lake shore

63-832 *My. la. julacea*

on wet silt, lake shore

63-833 *Desmoulinia lenticularis*

on wet silt, lake shore

63-834 *Caradocia* *prospiciens*

on silt, hillside tundra

Bernard River, Banks Island, N.W.T., Canada
73°25'N, 122°W. August 1, 2, 3, 1963

~~63-835~~ In wet swales and low-center polygons, on
moist sand, in ponds and lakes, and on
silt, ^{dry} hillside and hill top tundra

63-835 *Orthotrichum* (in quantity)
on moist sand mound, lemming barrens area

63-836 *Andromeda acuminata* in quantity
on tussocks in wet tundra, lake shore

63-837 *Ditrichum flexicaule*
in tussocks in wet tundra

63-838 *Hypnum bambergeri*
on moist sand mound, lemming barrens area

63-839 *Ditrichum ~~indistinctum~~ (?)* *capillaceum* (?)
on moist sand, low center polygon in tundra

63-839a *Encalypta rhaetocarpa*

63-840 *Tortula ruralis*
on moist sand mound, lemming barrens area

Bernard River, Banks I., N.W.T. Canada

August 1, 2 & 3, 1963.

63-841 *Tetraphodon umivoides*

on owl pellets in tundra

63-842 *Oncophorus wahlenbergii* Brid.

forming hummocks in low wet tundra polygons in ^{tundra}

63-843 *Didymodon rupestris*

forming hummocks on silt, hillside tundra

63-844 *Catocarpus ingitum*

forming hummocks in wet tundra

63-845 *Sphagnum* sp

on carbon dung in wet tundra

63-846 *Amblystegia* ? ^{*Holmnia stricta}
forming hummocks in wet tundra
^{also in anastomosing}
^{Amblystegia sp.}

63-847 *Calliergon turgescens* (*Scorpidium turgescens*)

in wet tundra between ponds

63-848 *Cuscuta*

in sandy, moist, hummocky areas in quantity

August 1, 2, 3, 1963

on wet sand, common in the sea

on ref 2 and, however in the area

in low spring $\frac{1}{2}$ m - 2 ft, contrary, 2, Thudica ridges

forming ~~rounds~~ in wet low-venter ^{in timber} polygons,
b. *Fissidens adiantoides*

on moist compacted sand, however, in the

in wet places in low water polygons in tundra

on hummocks in wet tundra, Lake Shore

Bernard River, Banks I., N.W.T., Canada
August 1, 2, 3, 1963

- 63-856 *Leptobryum pyriforme*
in lemming burrow, frost ridge in tundra
- 63-857 *Haplodon* in quantity
on caribou dung in wet tundra
- 63-858 *Bryum brightii* in quantity
on bare sand and silt in tundra
- 63-859 *Didymodon subulter* ⁱⁿ lemming trail,
on damp sand, frost ridge in tundra
- 63-860 *Cuculidium latifolium* Lindb.
in very wet tundra at edge of lake
- 63-861 *Splachnum vacuosum*
in very wet place in tundra
- 63-862 *Meesia uliginosa* in quantity
in wet places, low center polygons in tundra
- 63-863 *Trimmia austriaca* 63-863a - Orthotrichum speciosum
on moist sand near lemming burrow

Bernard River, Banks I., N.W.T., Canada
August 1, 2, 3, 1963

- 63-864 *Bryobrittonia pellucida*
on moist soil, lemming runways, frost ridge
- 63-865 *Timmia norvegica* Zett.
on moist soil near lemming burrows, frost ridge
- 63-866 *Mnium thymum* ~~thymum~~
on wet soil, lemming in frost ridge in tundra
- 63-867 *Calliergon*
in very wet tundra at edge of lake
- 63-868 *Cinclidium arcticum* *Cinclidium arcticum* (B.S.G.) Schimp
in very wet tundra at edge of lake
- 63-869 *Eurhynchium catenatum* ~~catenatum~~ *Eurhynchium polychellum* (Hedw.) Jenn.
among other mosses on sandy hummock
- 63-870 *Pohlia gracilis*
on moist soil in lemming burrow
- 63-871 *Complanetum*
on moist soil, frost ridge

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Bernard River, Banks I., N.W.T., Canada
August 1, 2, 3, 1963

- 63-872 *Dichodontium pellucidum*
Among other mosses in lemming tunnels
- 63-873 *Riccardia pinguis* *Riccardia pinguis*
Among mosses in very wet tundra near lake
- 63-874 *Scorpidium scorpidioides*
In small, shallow pond in tundra
- 63-875 *Calliergon turgescens* *Scorpidium turgescens*
(T. Jens) Eoske
at edge of small, shallow pond in tundra
- 63-876 *Brachythecium*
in very wet tundra near lake
- 63-877 *Bryum*
on wet sand in lemming tunnels
- 63-878 *Encalypta*
on moist sand in lemming tunnels
- 63-879 *Distichium capillare* 0793- *Amblystegium serpens*
in moist place on low frost ridge

Bernard River, Banks I., NWT, Canada
August 1, 2, 3, 1963

63-880 *Byssus arctica*
on moist sand, near burning barrow

63-881 *Orthothecium strictum*?
in wet tundra next a low frost ridge

63-882 *Dryopteris*
in wet tundra, edge of lake

63-883 *Byssus*

63-884 *Byssus* -

on wet sand, lichen
a. *Splachnum heterophyllum* det. Brøsetad ✓

63-885 *Leptogium laevigatum*

among other lichens in burning barrow

63-886 *Tortella arctica* (Arnell) Crundwell & Nyh

on moist sand, near burning barrow

63-887 *Schistidium*

In wet low-lying tundra

In quantity

Bernard River, Banks I., N.W.T., Canada

August 1, 2, 3, 1963

- 63-888 *Bryum*
on moist sand in lemming runways, frost ridge
- 63-889 *Hypnum*
in wet tundra
- 63-890 *Pogonatum alpinum* + *Fissidens* *complanatus*
on very moist hummock in wet tundra
- 63-891 *Meesia triquetra*
in very wet tundra, edge of lake
- 63-892 *Dermatodon heimi*
on moist sand about lemming burrows
- 63-893 *Voitia hypnorum*
with *Tetraphodon*, in wet tundra
- 63-894 *Orthothecium chrysaceum*
in wet tundra, next low frost ridge
- 63-895 *Didymodon* sp. *aspidioides*
on moist soil about lemming burrows

Bernard River, Banks I., NWT., Canada
August 1, 2, 3, 1963

- 63-896 *Taylorea acuminata*
in lemming burrow, low frost ridge in tundra
- 63-897 *Brachythecium*
in wet tundra, at edge of low frost ridge
- 63-898 *Hypnum*
in crevice
on silt, hillside tundra
- 63-899 *Dicranella crispata*
on moist soil, lemming runway, frost ridge
- 63-900 *Cirriphyllum ciliatum*
in wet tundra, edge of low frost ridge
- 63-901 *Chilonotia tomentosa*
on wet hummock in tundra
- 63-902 *Bryum*
On wet soil in lemming runway
- 63-903 *Desmanochloa monostachya*
Dominant moss, of low center polygons

Bernard River, Banks I., N.W.T., Canada
August 1, 2, 3, 1963

63-904 *Abietinella abietina*

on sand, lemming burrow mound

63-905 *Brym*

on moist sand, lemming runway

63-906 ~~*Barbula*~~ ^{+ *Barbula sexualoph.*} *Didymodon asperifolius*

on moist sand, lemming burrow mounds

63-907 *Grimmia*

on erratic boulder used by birds

63-908 *Lepetis*
vertical

on silt bank above Bernard River

63-909 *Ceratodon purpureus*

on silt, tundra hillside

63-910 *Pohlia cunda*

in crevice between silt clods, hillside tundra

63-911 *Bryum arcticum*

on moist sand, frost ridge in tundra

Bernard River, Banks I., N.W.T., Canada
August 1, 2, 3, 1963

63-912, *Grimmia*

on moist sand, frost ridge in tundra

63-913 *Blindia?* *Ditrichum Flexicaule* (Schwaegre) Hampe
in wet tundra, in frost soil

63-914 *Humm hymenophylloides*
in lemming burrow, frost ridge ^{low} in tundra

63-915 *Stegonia latifolia* ~~Var. ex Benth~~
^{step} ~~var f~~ ~~var. pilifera~~
on ^{step} salt bank above Bernard River

63-916 *Stegonia latifolia* var. *pilifera*
with preceding

63-917 hepatic *Athalamia hyalina*
on moist sand in and around lemming burrows

63-918 *Fumaria polaris* in quantity
on moist sand on lemming burrow mound

Bernard River, Banks I., N.W.T., Canada
August 1, 2, 3, 1963

63-919 ^a
~~Artemisia orthoceras~~ + Curled Arct
in moist sand, lemming trail in crack in
low frost ridge, wet Tundra.

63-920 *Campylopus*
on moist sand, lemming burrow mound

63-921 *Bryum*
on moist sand, lemming burrow mound

On high center polygons behind (east of)
Archib research laboratory, Point Barrow
Alaska. August 7, 1963

3-922 }
3-923 } *Cochlearia* for Dr. John J. B. Gill,
3-924 } Univ. Liverpool.
3-925 }

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